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OM protein - protein search, using sw model

Run on: March 1, 2001, 16:19:16 ; Search time 46.88 Seconds  
(without alignments)  
11.108 Million cell updates/sec

Title: US-09-331-631A-33

Perfect score: 77  
Sequence: 1 CXXCXXCXXXXXXXXXXCXXCXXC 29

Scoring table:  
BLOSUM62DX  
Gapop 10.0 , Gapext 0.5

Searched: 174772 seqs, 17957048 residues

Total number of hits satisfying chosen parameters: 174772

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents\_AA:\*  
1: /cgn2\_6/ptodata/2/iaa/5a\_COMB.pep.\*  
2: /cgn2\_6/ptodata/2/iaa/5b\_COMB.pep.\*  
3: /cgn2\_6/ptodata/2/iaa/6\_COMB.pep.\*  
4: /cgn2\_6/ptodata/2/iaa/PCTUS\_COMB.pep.\*  
5: /cgn2\_6/ptodata/2/iaa/backfile1.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Query length	DB ID	Description
1	68	88.3	38	2	US-08-761-248B-11
2	68	88.3	42	2	US-08-761-248B-15
3	68	88.3	43	2	US-08-761-248B-13
4	68	88.3	44	2	US-08-761-248B-12
5	68	88.3	47	3	US-08-482-085B-91
6	68	88.3	297	2	US-08-580-545B-6
7	68	88.3	297	2	US-09-262-653A-6
8	68	88.3	644	1	US-08-336-708A-9
9	68	88.3	680	1	US-08-211-430-2
10	68	88.3	680	3	US-08-761-136-1
11	68	88.3	801	1	US-07-906-349A-6
12	68	88.3	911	2	US-08-484-438-10
13	68	88.3	1058	2	US-08-484-438-4
14	68	88.3	1210	2	US-08-484-438-7
15	68	88.3	1210	2	US-08-475-035-4
16	68	88.3	1308	2	US-08-484-438-2
17	68	88.3	1342	1	US-07-978-895-4
18	68	88.3	1342	2	US-08-484-438-9
19	68	88.3	1342	2	US-08-473-119-4
20	68	88.3	1342	2	US-08-475-352-4
21	68	88.3	1343	5	5183884-4
22	68	88.3	1345	2	US-08-977-767-3
23	68	88.3	2476	2	US-08-276-967-2
24	68	88.3	2813	3	US-08-896-449A-2
25	68	88.3	2813	3	US-09-132-652-2
26	67	87.0	39	1	US-08-036-555B-40
27	67	87.0	39	1	US-08-469-569-40
28	67	87.0	39	1	US-08-249-322A-40

29	67	87.0	39	1	US-08-469-526A-40	Sequence 40, Appl
30	67	87.0	39	2	US-08-734-591A-40	Sequence 40, Appl
31	67	87.0	39	2	US-08-469-660-40	Sequence 40, Appl
32	67	87.0	39	4	PCT-US94-05083C-40	Sequence 40, Appl
33	67	87.0	39	4	PCT-US95-06846A-40	Sequence 40, Appl
34	67	87.0	362	1	US-08-415-751-6	Sequence 6, Appl1
35	67	87.0	362	1	US-08-415-751-35	Sequence 35, Appl
36	67	87.0	624	3	US-08-422-108-1	Sequence 1, Appl1
37	67	87.0	782	2	US-09-146-283-4	Sequence 4, Appl1
38	67	87.0	782	3	US-08-579-823A-4	Sequence 4, Appl1
39	67	87.0	1255	1	US-08-467-083-68	Sequence 68, Appl
40	67	87.0	1255	1	US-08-414-417B-68	Sequence 68, Appl
41	67	87.0	1255	2	US-08-484-438-8	Sequence 8, Appl1
42	67	87.0	1255	2	US-08-486-348A-68	Sequence 68, Appl
43	67	87.0	1255	2	US-08-625-101-2	Sequence 2, Appl1
44	67	87.0	1255	2	US-08-468-545B-68	Sequence 68, Appl
45	67	87.0	1255	2	US-08-356-786-2	Sequence 2, Appl1

## ALIGNMENTS

RESULT 1  
US-08-761-248B-11  
Sequence 11, Application US/08761248B  
Patent No. 5958735  
GENERAL INFORMATION:  
APPLICANT: ROWLEY, DAVID R.  
TITLE OF INVENTION: UROGENITAL SINUS DERIVED GROWTH  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Jenkins & Gilchrist  
STREET: 1100 Louisiana, Suite 1800  
CITY: Houston  
STATE: TX  
COUNTRY: USA  
ZIP: 77002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/761,248B  
FILING DATE: 06-DEC-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/008,348  
FILING DATE: 07-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Turley, Charles P  
REGISTRATION NUMBER: 35,723  
REFERENCE/DOCKET NUMBER: 34012.6  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (713)9513310  
TELEFAX: (713)9513314  
TELEX:  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 38 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-761-248B-11

Query Match 88.3%; Score 68; DB 2; Length 38;  
Best Local Similarity 17.9%; Pred. No. 29;  
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;  
QY 2 XCCXXCXXXXXXXXXXCXXCXXC 29

Db 8 QNCTQCVSDSECADNKKCSAGCATFC 35

## RESULT 2

US-08-761-248B-15  
Sequence 15, Application US/08761248B  
Patent No. 5958735  
GENERAL INFORMATION:  
APPLICANT: ROWLEY, DAVID R.  
TITLE OF INVENTION: UROGENITAL SINUS DERIVED GROWTH  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jenkins & Gilchrist  
STREET: 1100 Louisiana, Suite 1800  
CITY: Houston  
STATE: TX  
COUNTRY: USA  
ZIP: 77002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/761,248B  
FILING DATE: 06-DEC-1996  
CLASSIFICATION: 435  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 60/008,348  
FILING DATE: 07-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Turley, Charles P  
REGISTRATION NUMBER: 35,723  
REFERENCE/DOCKET NUMBER: 34012.6  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (713)9513310  
TELEFAX: (713)9513314  
TELEX:  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 42 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-761-248B-15

Query Match 88.3%; Score 68; DB 2; Length 42;  
Best Local Similarity 17.9%; Pred. No. 32;  
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 2 XXCXXCXXXXXXXXXXXXCXXCXXC 29

Db 10 GTCVELCSGDQSCPNIOKCCSNGCHVC 37

## RESULT 3

US-08-761-248B-13  
Sequence 13, Application US/08761248B  
Patent No. 5958735  
GENERAL INFORMATION:  
APPLICANT: ROWLEY, DAVID R.  
TITLE OF INVENTION: UROGENITAL SINUS DERIVED GROWTH  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jenkins & Gilchrist  
STREET: 1100 Louisiana, Suite 1800  
CITY: Houston  
STATE: TX

COUNTRY: USA  
ZIP: 77002

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/761,248B  
FILING DATE: 06-DEC-1996  
CLASSIFICATION: 435  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 60/008,348  
FILING DATE: 07-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Turley, Charles P  
REGISTRATION NUMBER: 35,723  
REFERENCE/DOCKET NUMBER: 34012.6  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (713)9513310  
TELEFAX: (713)9513314  
TELEX:  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 43 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-761-248B-13

Query Match 88.3%; Score 68; DB 2; Length 43;  
Best Local Similarity 17.9%; Pred. No. 33;  
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 2 XXCXXCXXXXXXXXXXXXCXXCXXC 29

Db 12 AACVESCVDNECSGVKCCSNGCHTC 39

## RESULT 4

US-08-761-248B-12  
Sequence 12, Application US/08761248B  
Patent No. 5958735  
GENERAL INFORMATION:  
APPLICANT: ROWLEY, DAVID R.  
TITLE OF INVENTION: UROGENITAL SINUS DERIVED GROWTH  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jenkins & Gilchrist  
STREET: 1100 Louisiana, Suite 1800  
CITY: Houston  
STATE: TX  
COUNTRY: USA  
ZIP: 77002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/761,248B  
FILING DATE: 06-DEC-1996  
CLASSIFICATION: 435  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 60/008,348  
FILING DATE: 07-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Turley, Charles P  
REGISTRATION NUMBER: 35,723  
REFERENCE/DOCKET NUMBER: 34012.6

```

1 TELECOMMUNICATION INFORMATION
2 TELEPHONE: (713)9513310
3 TELEFAX: (713)9513314
4 TELEX:
5 INFORMATION FOR SEQ ID NO: 12:
6 SEQUENCE CHARACTERISTICS:
7 LENGTH: 44 amino acids
8 TYPE: amino acid
9 STRANDEDNESS: single
10 TOPOLOGY: linear
11 MOLECULE TYPE: peptide
12
13 US-08-761-248B-12

```

Query Match	88.3%	Score 68	DB 2	Length 44
Best Local Similarity	17.9%	Pred. No. 34		
Matches	5	Conservative	23	Mismatches 0; Indels 0; Gaps 0

```
QY      2  XXXXXXXXXXXXXXXXXXXX  29
          ::::::::::::::|
Db      8  GICLHGCDSDCKEGQKCFDGCYIC  35
```

RESULT 5  
US-08-482-085B-91  
Sequence 91 Application US/08482085B  
Patent No. 6018030  
GENERAL INFORMATION:  
APPLICANT: Ferrari, Franco A.  
APPLICANT: Richardson, Charles  
APPLICANT: Chambers, James  
APPLICANT: Causey, Stuart  
APPLICANT: Pollock, Thomas J.  
APPLICANT: Cappelletto, Joseph W.  
APPLICANT: Crissman, John W.  
TITLE OF INVENTION: No. 6018030e1 Peptides Comprising Repetitive  
TITLE OF INVENTION: Units of Amino Acids and DNA Sequences Encoding the Same  
NUMBER OF SEQUENCES: 112  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fleht, Hohbach, Test, Albritton & Herbert  
STREET: Four Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: US  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/482,085B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 06/927,258  
FILING DATE: 04-NOV-1986  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/114,618  
FILING DATE: 29-OCT-1987  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/053,049  
FILING DATE: 22-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/175,155  
FILING DATE: 29-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Treacartin, Richard F.  
REGISTRATION NUMBER: 31,801  
REFERENCE/DOCKET NUMBER: A-55186-6/RTT/MTK  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-781-1989  
TELEFAX: 415-398-3249

```

? INFORMATION FOR SEQ ID NO: 91
?
? SEQUENCE CHARACTERISTICS:
?     LENGTH: 47 amino acids
?     TYPE: amino acid
?     STRANDEDNESS: single
?     TOPOLOGY: linear
?     MOLECULE TYPE: peptide
?
US-08-482-085b-91

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Query Match	88.3%	Score 68	DB 3	Length 47
Best Local Similarity	17.9%	Pred. No. 36		
Matches	5	Conservative	23	Mismatches 0; Indels 0; Gaps 0

Qy	2	XXXXXXXXXXXXXXXXXXXXXX	25
		::: ::: ::: ::: ::: :::	
Db	1	ATCGAAGTCTCGGATCTACATGATGC	28

```

RESULT      6
US-08-580-545B-6
: Sequence 6, Application US/08580545B
: Patent No. 5932713
: GENERAL INFORMATION:
: APPLICANT: Yoshihisa, Kasukabe
: APPLICANT: Koichi, Fujisawa
: APPLICANT: Susumu, Nishiguchi
: APPLICANT: Yoshihiko, Maekawa
: APPLICANT: Randy, Allen
: TITLE OF INVENTION: COTTON FIBER TISSUE-SPECIFIC GENES
: NUMBER OF SEQUENCES: 10
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Fish & Richardson P.C.
: STREET: 601 Thirteenth Street, NW
: CITY: Washington
: STATE: DC
: COUNTRY: USA
: ZIP: 20005
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25.
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/580,545B
: FILING DATE:
: CLASSIFICATION: 800
: ATTORNEY/AGENT INFORMATION:
: NAME: Bretschneider, Barry E.
: REGISTRATION NUMBER: 28,055
: REFERENCE/DOCKET NUMBER: 04473/068001
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 202/783-5070
: TELEFAX: 202/783-2331
: INFORMATION FOR SEQ ID NO: 6:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 297 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
:
US-08-580-545B-6

Query Match      88.3%: Score 68; DB 2; Length 297;
Best Local Similarity 17.9%: Pred. No. 2.4e+02;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0

QY      2 XXXXXCXXXXXXXXXXXXXXXXXXCXXC 29
      :|::|::|::|::|::|::|::|::|::|
Db      236 KDCIPICGGRCCKHSHRTNLCIRACTCC 263

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0y      2  xxxxxxxxxxxxxxxxxxxxxxxx 29
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Db      236 kdciPlGGRckLhSRnLcPlRACmTCC 263

```

## RESULT

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US-09-262-653A-6  
Sequence 6, Application US/09262653A  
Patent No. 6165294  
GENERAL INFORMATION:  
APPLICANT: Yoshihisa, Kasukabe  
APPLICANT: Koichi, Fujisawa  
APPLICANT: Susumu, Nishiguchi  
APPLICANT: Yoshihiko, Maekawa  
APPLICANT: Randy, Allen  
TITLE OF INVENTION: COTTON FIBER TISSUE-SPECIFIC GENES  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 601 Thirteenth Street, NW  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/262,653A  
FILING DATE:  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: Breitschneider, Barry E.  
REGISTRATION NUMBER: 28,055  
REFERENCE/DOCKET NUMBER: 04473/068001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202/783-5070  
TELEFAX: 202/783-2331  
INFORMATION FOR SEQ ID NO.: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 297 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-262-653A-6
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Query Match      88.3%; Score 68; DB 3; Length 297;  
Best Local Similarity 17.9%; Pred. No. 2.4e+02;  
Matches    5; Conservative   23; Mismatches     0; Indels     0; Gaps     0.
```

```
Oy       2 XXXXXXXXXXXXXXXXXXXXXXXXXCC 29  
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Db       236 KDCIPLCGRCRLHSRTNLCIRACMTCC 263
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RESULT           8  
US-08-336-708A-9  
Sequence 9, Application US/08336708A  
Patent No. 5521295  
GENERAL INFORMATION:  
APPLICANT: Pacificl, Robert E.  
APPLICANT: Thomason, Arlen R.  
APPLICANT: Chang, Ming-Shi  
TITLE OF INVENTION: Hybrid Receptor Molecules  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Amgen Inc.  
STREET: 1840 Dehavenland Drive  
CITY: Thousand Oaks  
STATE: California  
COUNTRY: USA  
ZIP: 91320-1789  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS
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: SOFTWARE: PatentIn Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/336,708A
: FILING DATE:
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Oleski, Nancy
: REFERENCE/DOCKET NUMBER: A-241A
: INFORMATION FOR SEQ ID NO: 9:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 644 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: US-08-336-708A-9

Query Match      88.3%; Score 68; DB 1; Length 644;
Best Local Similarity 17.9%; Pred. No. 5.3e+02;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0

OY 2 XXXXXXXXXXXXXXXXXXXXXXXX 29
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Db 213 IICAOCCSGRCGRKSPSDCCNQCAGC 240

RESULT 9
US-08-211-430-2.
: Sequence 2, Application US/08211430
: Patent No. 5763166
: GENERAL INFORMATION:
: APPLICANT:
: TITLE OF INVENTION: NUCLEIC SEQUENCE OF THE GENE ASSOCIATED WITH
: TITLE OF INVENTION: X CHROMOSOME LINKED KALLMANN SYNDROME, CORRESPONDING
: TITLE OF INVENTION: PEPTIDE SEQUENCES, DIAGNOSTIC APPLICATIONS.
: NUMBER OF SEQUENCES: 32
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
: CURRENT APPLICATION DATA: US/08/211,430
: APPLICATION NUMBER: US/08/211,430
: INFORMATION FOR SEQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 680 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: HYPOTHETICAL: NO
: ANTI-SENSE: NO
: ORIGINAL SOURCE:
: ORGANISM: Homo sapiens
: CELL LINE: foetal brain cell
: US-08-211-430-2

Query Match      88.3%; Score 68; DB 1; Length 680;
Best Local Similarity 17.9%; Pred. No. 5.6e+02;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

OY 2 XXXXXXXXXXXXXXXXXXXXXXXX 29
: ::::::::::::::::::::::|
Db 145 AACVESCCEVDNCGVKKCCSNGCGHTC 172

RESULT 10
US-08-761-136-1
: Sequence 1, Application US/08761136
: Patent No. 6121231
: GENERAL INFORMATION:

```

APPLICANT: PETIT, CHRISTINE  
APPLICANT: SOUSSI-YANTICOTAS, NADIA  
APPLICANT: HARDELIN, JEAN-PIERRE  
APPLICANT: SARAILH, CATHERINE  
APPLICANT: ROUGON, GENEVIEVE  
APPLICANT: LEGOUTS, RENAUD  
APPLICANT: ARDOUIN, OLIVIER  
APPLICANT: MAZIE, JEAN-CLAUDE  
TITLE OF INVENTION: USE OF KAL PROTEIN AND TREATMENT WITH  
TITLE OF INVENTION: THE KAL PROTEIN IN TREATMENT OF RETINAL, RENAL, NEURONAL  
TITLE OF INVENTION: AND NEURAL INJURY  
NUMBER OF SEQUENCES: 3  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
ADDRESSEE: P.C.  
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400  
CITY: ARLINGTON  
STATE: VA  
COUNTRY: USA  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/761,136  
FILING DATE: 06-DEC-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: OBLON, NORMAN F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 660-112-0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-413-3000  
TELEFAX: 703-412-2220  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 680 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-761-136-1

Query Match 88.3%; Score 68; DB 3; Length 680;  
Best Local Similarity 17.9%; Pred. No. 5.6e+02;  
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 2 XXXXXXXXXX 29  
Db 145 AACVCEVDNECGVKKCCSGCGHGC 172

RESULT 11  
US-07-906-349A-6  
Sequence 6, Application US/07906349A  
Patent No. 5434064  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
APPLICANT: Skolnik, Edward Y.  
APPLICANT: Margolis, Benjamin L.  
TITLE OF INVENTION: A NOVEL EXPRESSION-CLONING METHOD FOR  
TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR ENKARYOTIC TYROSINE KINASES AN  
TITLE OF INVENTION: TARGET PROTEINS  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Browdy and Nelmark  
STREET: 419 Seventh Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA

ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/906,349A  
FILING DATE: 30-JUN-1992  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/643,237  
FILING DATE: 18-JAN-1991  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 801 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-07-906-349A-6

Query Match 88.3%; Score 68; DB 1; Length 801;  
Best Local Similarity 17.9%; Pred. No. 6.6e+02;  
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXXXXX 28  
Db 232 CCACAACTGCTGACAGCAGCTGT 259

RESULT 12  
US-08-484-438-10  
Sequence 10, Application US/08484438  
Patent No. 5811098  
Patent No. 5811098 5780031  
GENERAL INFORMATION:  
APPLICANT: Plovman, Gregory D.  
APPLICANT: Culouscou, Jean-Michel  
APPLICANT: Shoyab, Mohammed  
APPLICANT: Siegall, Clay B.  
APPLICANT: Hellstr m, Inggerd  
APPLICANT: Hellstr m, Karl E.  
TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,438  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/323,442  
FILING DATE: 14-OCT-1994  
APPLICATION NUMBER: US 08/150,704  
FILING DATE: 10-NOV-1993  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/981,165

FILING DATE: 24-NOV-1992  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Mistrock, S. Leslie  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 5624-230  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 911 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
US-08-484-438-10

Query Match 88.3%; Score 68; DB 2; Length 911;  
Best Local Similarity 17.9%; Pred. No. 7.5e+02;  
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 2 XXXXXXXXXX XXXXXXXXXX XXXXXXXX  
DB 211 TVCAEQDCGRGYPVSDCCHRCAGGC 238

RESULT 13  
US-08-484-438-4  
Sequence 4, Application US/08484438  
Patent No. 5811098  
GENERAL INFORMATION:  
APPLICANT: Plozman, Gregory D.  
APPLICANT: Culouscou, Jean-Michel  
APPLICANT: Shoyab, Mohammed  
APPLICANT: Siegal, Clay B.  
APPLICANT: Hellstr m, Ingegerd  
APPLICANT: Hellstr m, Karl E.  
TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,438  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/323,442  
FILING DATE: 14-OCT-1994  
APPLICATION NUMBER: US 08/150,704  
FILING DATE: 10-NOV-1993  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/981,165  
FILING DATE: 24-NOV-1992  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Mistrock, S. Leslie  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 5624-230

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1058 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-484-438-4

Query Match 88.3%; Score 68; DB 2; Length 1058;  
Best Local Similarity 17.9%; Pred. No. 8.8e+02;  
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 2 XXXXXXXXXX XXXXXXXXXX XXXXXXXX  
DB 211 TVCAEQDCGRGYPVSDCCHRCAGGC 238

RESULT 14  
US-08-484-438-7  
Sequence 7, Application US/08484438  
Patent No. 5811098  
GENERAL INFORMATION:  
APPLICANT: Plozman, Gregory D.  
APPLICANT: Culouscou, Jean-Michel  
APPLICANT: Shoyab, Mohammed  
APPLICANT: Siegal, Clay B.  
APPLICANT: Hellstr m, Ingegerd  
APPLICANT: Hellstr m, Karl E.  
TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,438  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/323,442  
FILING DATE: 14-OCT-1994  
APPLICATION NUMBER: US 08/150,704  
FILING DATE: 10-NOV-1993  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/981,165  
FILING DATE: 24-NOV-1992  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Mistrock, S. Leslie  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 5624-230  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1210 amino acids

TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
US-08-484-438-7

Query Match 88.3%; Score 68; DB 2; Length 1210;  
Best Local Similarity 17.9%; Pred. No. 1e+03;  
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

OY 2 XXXXXXXXXXXXXXXXXXXXXXXC 29  
Db 213 IICAOQCSGRCKSPSDCCHNOCAAGC 240

## RESULT 15

US-08-475-035-4  
Sequence 4, Application US/08475035  
Patent No. 598553  
GENERAL INFORMATION:  
APPLICANT: KING, C. R.  
APPLICANT: AARONSON, MATTHIAS H.  
TITLE OF INVENTION: HUMAN GENE RELATED TO BUT DISTINCT FROM  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
STREET: Suite 1200, 127 Peachtree Street  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/475,035  
FILING DATE: 7 Jun 1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Perryman, David G.  
REGISTRATION NUMBER: 33,438  
REFERENCE//DOCKET NUMBER: 1414.656  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404/688-0770  
TELEFAX: 404/688-9880  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1210 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-475-035-4

Query Match 88.3%; Score 68; DB 2; Length 1210;  
Best Local Similarity 17.9%; Pred. No. 1e+03;  
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

OY 2 XXXXXXXXXXXXXXXXXXXXXXXC 29  
Db 213 IICAOQCSGRCKSPSDCCHNOCAAGC 240

Search completed: March 1, 2001, 16:19:16  
Job time: 509 sec

